Area of Parallelograms and Triangles

Find the area of this parallelogram.
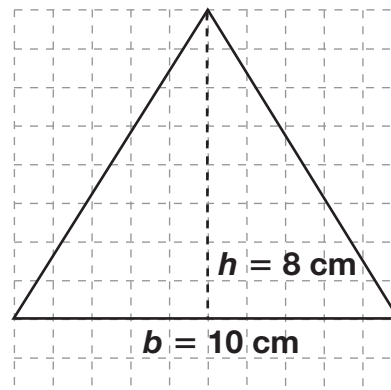

$h = 6$ in.

$b = 8$ in.
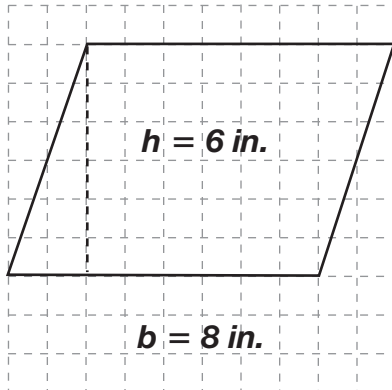
Use the formula $A = bh$.

$A = 8 \times 6$

$A = 48$ sq in.

The area of the parallelogram is 48 sq in.

Find the area of this triangle.

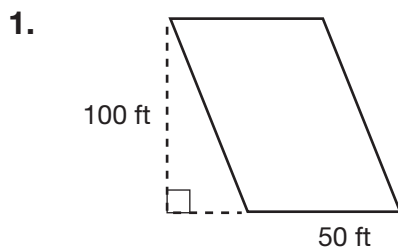$h = 8$ cm

$b = 10$ cm

Use the formula $A = \frac{1}{2} bh$.

$A = \frac{1}{2} \times 10 \times 8$

$A = 5 \times 8$

$A = 40$ cm^2

The area of the triangle is 40 cm^2.

Find the area of each parallelogram or triangle.

1.

100 ft

50 ft

_____

2.

8 m

15 m

_____
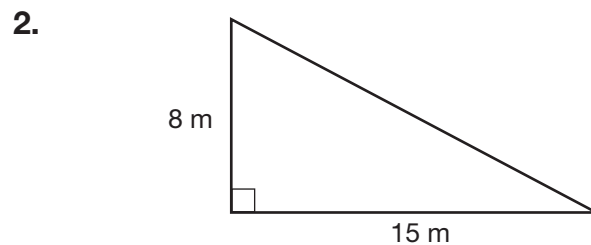
3. Triangle: $b = 6$ ft, $h = 9$ ft _____

4. Parallelogram: $b = 18$ m, $h = 13$ m _____

5. Triangle: $b = 20$ in., $h = 9$ in. _____

6. Writing to Explain Tony says he does not have enough information to find the area of this parallelogram. Is he correct? Explain.

7.2 cm

14.5 cm

_____

Reteaching **17-3**